## Rec'd PCT/PTO 2 8 SEP 2005 10/530783

PTO/SB/01 (09-04) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|--------------------------|--------------------|--------------------------------------|--|--|--|--|
| DECLARATION FOR LITH ITY OR   | Attorney Docket Number   | ITP 11             | I.A1 U.S.                            |  |  |  |  |
| DECLARATION FOR UTILITY OR  | First Named Inve         | tor -              |                                      |  |  |  |  |
| DESIGN  | T II St IVallica III Ve  | Richai             | rd Anderson et al.                   |  |  |  |  |
| PATENT APPLICATION  | -                        | COMPLETE IF KNOWN  |                                      |  |  |  |  |
| (37 CFR 1.63)   | Application Numb         | er 1               | 10/530,783                           |  |  |  |  |
| Declaration Submitted OR With Initial Filing Submitted after Initial Filing (37 CFR 1.16 (e))   | Filing Date              |                    |                                      |  |  |  |  |
|   | Art Unit                 |                    |                                      |  |  |  |  |
| required)   | Examiner Name            | Examiner Name      |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
| I hereby declare that:  |                          |                    |                                      |  |  |  |  |
| Each inventor's residence, mailing address, and citizenship   | p are as stated below ne | ct to their name   | e.                                   |  |  |  |  |
| I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:   |                          |                    |                                      |  |  |  |  |
| SYSTEM AND METHOD OF PRODUCING METALS AND ALLOYS  |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
| (Till)  | of the Annual Cont       |                    |                                      |  |  |  |  |
| (Title of the Invention) the specification of which   |                          |                    |                                      |  |  |  |  |
| is attached hereto  |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
| OR  |                          |                    |                                      |  |  |  |  |
| was filed on (MM/DD/YYYY) 09/03/2003 as United States Application Number or PCT International   |                          |                    |                                      |  |  |  |  |
| Application Number   DOT/US03/037650  |                          |                    |                                      |  |  |  |  |
| Application Number PCT/US03/027659 and was amended on (MM/DD/YYYY) (if applicable).   |                          |                    |                                      |  |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
| I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT interestical filing date of the continuation is not application. |                          |                    |                                      |  |  |  |  |
| and the national or PCT international filing date of the continuation-in-part application.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent,   |                          |                    |                                      |  |  |  |  |
| inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one   |                          |                    |                                      |  |  |  |  |
| country other than the United States of America, listed below and have also identified below, by checking the box, any foreign  |                          |                    |                                      |  |  |  |  |
| application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.   |                          |                    |                                      |  |  |  |  |
| Prior Foreign Application Foreign   | Filing Date              | riority            | Certified Copy Attached?             |  |  |  |  |
|   |                          | Claimed            | YES NO                               |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
|   |                          |                    |                                      |  |  |  |  |
| Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.   |                          |                    |                                      |  |  |  |  |
| [Page 1 of 2]   |                          |                    |                                      |  |  |  |  |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## **DECLARATION** — Utility or Design Patent Application Direct all OR The address Correspondence correspondence to: associated with address below Customer Number: Name Harry M. Levy, Emrich & Dithmar, LLC. Address 125 South Wacker Drive, Suite 2080 City State ZIP Chicago Illinois 60606 Country Telephone Fax USA 312-663-9800 312-663-9822 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor Given Name (first and middle [if anyl) Family Name or Surname RICHARD P. Inventor's Signature Residence: City Citizenship State Country US. Clarendon Hills Illinois USA Mailing Address 5836 Sunrise Avenue City State Zip Country Clarendon Hills Illinois 60514 US NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname DONN\_ ARMSTRONG Inventor's Signature Date Residence: City Citizenship State Country Illinois US US Mailing Address 6005 Ridge Court Country City State Zip 60532 US Lisle Illinois

[Page 2 of 2]

Additional inventors or a legal representative are being named on the

supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

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| DECLARATION  |                   | ADDITIONAL INVENTOR(S) Supplemental Sheet |  |         |                |              |  |
| DECEARATION  |                   |   |  |         |                | ne 1 of 1    |  |
| Name of Additional Joint Inventor, if any:   |                   |   | A petition has been filed for this unsigned inventor |         |                |              |  |
| Given Name (first and middle (if any)  | )                 | Family Nam                                | ne or S  | Sumame  |                |              |  |
| JACOBSEN LANCE   |                   |   |  |         |                |              |  |
| Inventor's Signature Journal   |                   |   |  |         |                | Date 4/19/05 |  |
| Minooka<br>Residence: City   | Illinois I        | <u>.</u> [                                | US<br>Cou  | ntry    | US<br>Citize   | nship        |  |
| 123 San Carlos Road  |                   |   |  | ,       |                |              |  |
| Mailing Address  |                   |   |  |         |                |              |  |
| Minooka<br>City  | Illinois<br>State |   | 60447<br>Zip   |         | USA<br>Country |              |  |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor   |                   |   |  |         |                |              |  |
| Given Name (first and middle (if any))   |                   | Family Name or Surname                    |  |         |                |              |  |
|  |                   |   |  |         |                |              |  |
| Inventor's<br>Signature  |                   |   | Date   |         |                |              |  |
| Residence: City  | State             | Country                                   |  | Country | Citizenship    |              |  |
| Totale   Country   Chizenship  |                   |   |  |         |                |              |  |
| Mailing Address  |                   |   |  |         |                |              |  |
| City   | State             |   | Zip  |         | Country        |              |  |
| Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor   |                   |   |  |         |                |              |  |
| Given Name (first and middle (if any)) Family Name or S  |                   |   | urname   |         |                |              |  |
|  |                   |   |  |         |                |              |  |
| Inventor's<br>Signature  |                   |   |  | Date    |                |              |  |
| Residence: City  | State             |   | Country  |         |                | Citizenship  |  |
|  |                   |   |  |         |                |              |  |
| Mailing Address  |                   |   |  |         |                |              |  |
| City   | State             |   |  | Zip     | Country        |              |  |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## **PCT**

## **POWER OF ATTORNEY**

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

| The undersigned applicant(s) (Names should be indicated as they appear in the request):   |  |  |  |  |
|---|--|--|--|--|
| Richard Anderson<br>Donn Armstrong<br>Lance Jacobsen  |  |  |  |  |
| hereby appoints (appoint) the following person as:  | agent common representative  |  |  |  |
| neces) appoints (appoint) the following person as:  | agent common representative  |  |  |  |
| Name and address (Family name followed by given name; for a legal entity, full official d   | esignation. The address must include postal code and name of country.) |  |  |  |
| LEVY, Harry M. Emrich & Dithmar, LLC. 125 South Wacker Drive Suite 2080 Chicago, Illinois 60606 USA   |  |  |  |  |
| Chicago, minois 60606 USA   |  |  |  |  |
|   |  |  |  |  |
| to represent the undersigned before   | all the competent International Authorities                            |  |  |  |
|   | the International Searching Authority only                             |  |  |  |
|   | the International Preliminary Examining Authority only                 |  |  |  |
| in connection with the international application identified below:  |  |  |  |  |
| Title of the invention: SYSTEM AND METHOD OF PRODUCING METALS AND ALLOYS  |  |  |  |  |
| Applicant's or agent's file reference: 11A.1.US.  |  |  |  |  |
| International application number (if already available):  |  |  |  |  |
| filed with the following Office U.S.  | as receiving Office  |  |  |  |
| and to make or receive payments on behalf of the undersigned.   |  |  |  |  |
| Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power): |  |  |  |  |
|   | ed:  |  |  |  |
| Richard Anderson  |  |  |  |  |
|   | ed:  |  |  |  |
| Donn Armstrong  |  |  |  |  |
|   | ed:  |  |  |  |
| Lance Jacobsen  |  |  |  |  |
| Date:   | <del></del>  |  |  |  |

Form PCT/Model of power of attorney (for a given international application) (July 1992)